PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-335183

(43)Date of publication of application : 04.12.2001

(51)Int.Cl.

B65H 5/22
B41J 2/01
B41J 11/02
B41J 13/076
B65H 5/06

(21)Application number : 2000-155244

(22)Date of filing : 25.05.2000
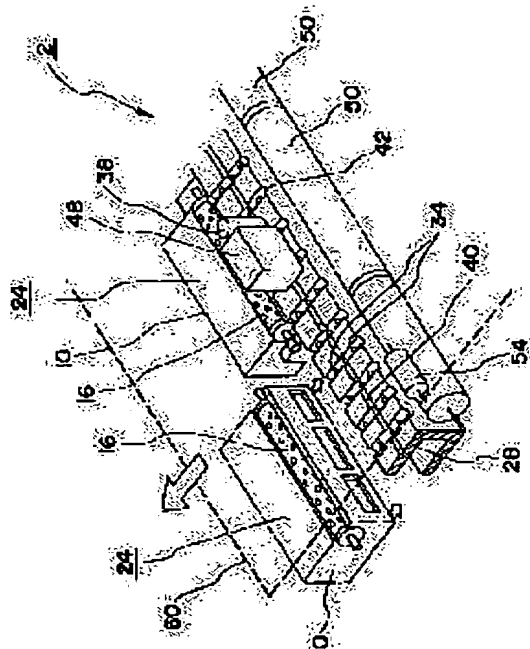
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(54) RECORDING MEDIUM CARRYING MECHANISM IN INK JET PRINTER

(57)Abstract:

PROBLEM TO BE SOLVED: To uniformize vacuum force, to use a part in common, and to easily assemble a paper guide mechanism part of a printer by constituting a platen downstream side paper guide mechanism of unitized plural paper vacuum carrying mechanisms.

SOLUTION: A recording medium is sandwiched and carried by a paper carrying roller 50 and a pressurizing roller 54 connected to a driving device, a recording head 48 is reciprocated in the right-angled direction to the medium carrying direction on a platen 28, and an image is formed by printing. Paper vacuum carrying units 24 are composed of a sucking roller holder 10, a suction device and sucking rollers 16, and are parallelly arranged in a plurality on the downstream side of the platen. The respective sucking rollers of the carrying units are joined by a shaft coupling, and one end is connected to the driving device. The recording medium is carried in the downstream direction while being sucked to the sucking rollers. A suction hole 34 is arranged in a paper support surface of the platen, the suction hole is communicated with the inside of the sucking roller holder, and the recording medium is sucked.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]